

## Index to Volume 29

### Authors and Titles

- Adams, M., *see* Baverstock, P. R. 289  
*See* Woodside, D. P. 119
- Allsopp, P. G.  
 Development, longevity and fecundity of the false wireworms *Pterohelaeus darlingensis* and *P. alternatus* (Coleoptera : Tenebrionidae). I. Effect of constant temperature 605  
*See* Costa, M. 269
- Anderson, J. M. E.  
 Seasonal field analysis of fat content, live weight, dry weight and water content of the aphidophagous *Scymnoides lividigaster* (Mulsant) and mycophagous *Leptothea galbula* (Mulsant) (Coleoptera : Coccinellidae) 679
- Banta, W. C., *see* Wass, R. E. 365
- Barnett, S. A., *see* Stewart, A. P. 41
- Baverstock, P. R., Watts, C. H. S., Adams, M. and Cole, S. R.  
 Genetical relationships among Australian rodents (Muridae) 289  
*See* Woodside, D. P. 119
- Bishop, A. L.  
 The spatial dispersion of spiders in a cotton ecosystem 15
- Blair, D.  
 The monostome flukes (Digenea : Families Opisthotrematidae Poche and Rhabdiopoeidae Poche) parasitic in sirenians (Mammalia : Sirenia). Supplement No. 81 (21 December). Abstract 972
- Bradshaw, S. D., *see* Morris, K. D. 519
- Breed, W. G.  
 Early embryonic development and ovarian activity during concurrent pregnancy and lactation in the hopping-mouse *Notomys alexis* 589
- Britton, E. B.  
 A revision of the Australian chafers (Coleoptera : Scarabaeidae : Melolonthinae). Vol. 3. Tribe Liparetrini: Genus *Liparetrus*. Supplement No. 76 (19 December 1980). Abstract 129
- Cole, S. R., *see* Baverstock, P. R. 289
- Cook, I. M., and Spain, A. V.  
 Rates of development of the immature stages of the buffalo fly, *Haematobia irritans exigua* de Meijere (Diptera : Muscidae), in relation to temperature 7
- Correa, J. *see* Presidente, P. J. A. 507
- Costa, M., and Allsopp, P. G.  
 Gamasine mites associated with Australian scarabaeid beetles. II. The genus *Cosmetolaelaps* Womersley, symbionts of *Onthophagus* Latreille 269
- Coster, P., *see* Kitchener, D. J. 305
- Davies, M., *see* Tyler, M. J. 471
- Drew, R. A. I., Hancock, D. L., and Romig, M. C.  
 Australian Dacinae (Diptera : Tephritidae): new species from Cape York Peninsula, a discussion of species complexes and key to species 49
- Edwards, J. A., *see* Muller, M. J. 573
- Evans, D. E.  
 Thermal acclimation in several species of stored-grain beetles 483
- Fitt, G. P.  
 The ecology of northern Australian Dacinae (Diptera : Tephritidae) I. Host phenology and utilization of *Opilia amentacea* Roxb. (Opiliaceae) by *Dacus* (*Bactrocera*) *opiliae* Drew & Hardy, with notes on some other species 691  
 II. Seasonal fluctuations in trap catches of *Dacus opiliae* and *D. tenuifascia*, and their relationship to host phenology and climatic factors 885
- Ghosh, A., *see* Maitra, S. K. 853
- Greenaway, P.  
 Temperature limits to trailing activity in the Australian arid-zone meat ant *Iridomyrmex purpureus* form *viridiaeneus* 621

- Hancock, D. L., *see* Drew, R. A. I. 49
- Horak, M., and Sauter, W.  
Revision of the genus *Metaselena*  
Diakonoff (Lepidoptera :  
Tortricidae) 233
- Houston, T. F.  
A review of the Australian hylaeine bees  
(Hymenoptera : Colletidae). II.  
Supplement No. 80 (21 December).  
Abstract 971
- How, R. A.  
Population parameters of two congeneric  
possums, *Trichosurus* spp., in  
north-eastern New South Wales 205
- Hughes, R. L., *see* Turnbull, K. E. 189
- Hume, I. D., *see* Wellard, G. A. 147, 157
- Key, K. H. L.  
The genus *Hastella* (Orthoptera :  
Eumastacidae : Morabinae) 401
- King, D. R., *see* Sharrad, R. D. 861
- Kitchener, D. J.  
Factors influencing selection of shelter by  
individual quokkas, *Setonix brachyurus*  
(Marsupialia), during hot summer days  
on Rottnest Island 875
- Kitchener, D. J., and Coster, P.  
Reproduction in female *Chalinolobus morio*  
(Gray) (Vespertilionidae) in south-western  
Australia 305
- Lee, K. E.  
Earthworms (Annelida : Oligochaeta) of  
Vanua Tu (New Hebrides Islands) 535
- Lyne, A. G.  
Activity rhythms in the marsupials  
*Isodon macrourus* and *Perameles*  
*nasuta* 821
- McEvey, S. F.  
*Drosophilidae* (Insecta : Diptera) of three  
Torres Strait islands, with description of  
a new species of *Drosophila* 907
- Madden, J. L.  
Egg and larval development in the  
woodwasp, *Sirex noctilio* F. 493
- Mahon, R. J., Miethke, P. M., and  
Whelan, P. I.  
The medically important taxon *Anopheles*  
*farauti* Laveran (Diptera : Culicidae) in  
Australia 225
- Maitra, S. K., and Ghosh, A.  
Gonadal response to testosterone  
propionate during breeding and  
post-breeding phases in the male  
blossom-headed parakeet, *Psittacula*  
*cyanocephalus* (Aves : Psittaciformes) 853
- Malipatil, M. B.  
Revision of Australian Cleradini  
(Heteroptera : Lygaeidae) 773
- Martin, A. A., *see* Tyler, M. J. 471
- Mattner, P. E., *see* Turnbull, K. E. 189
- Miethke, P. M., *see* Mahon, R. J. 225
- Morris, K. D., and Bradshaw, S. D.  
Water and sodium turnover in coastal and  
inland populations of the ash-grey  
mouse, *Pseudomys albocinereus* (Gould),  
in Western Australia 519
- Muller, M. J., Murray, M. D., and  
Edwards, J. A.  
Blood-sucking midges and mosquitoes  
feeding on mammals at Beatrice Hill,  
N.T. 573
- Murray, M. D., *see* Muller, M. J. 573
- Murray, N. D., *see* Pearse, F. K. 631
- Murray, P. F.  
A unique jaw mechanism in the echidna,  
*Tachyglossus aculeatus*  
(Monotremata) 1
- Nelson, J. E., *see* Stephan, H. 653
- New, T. R.  
A revision of the Australian Chrysopidae  
(Insecta : Neuroptera). Supplement No.  
77 (19 December 1980). Abstract 130
- A revision of the Australian Nymphidae  
(Insecta : Neuroptera) 707
- The oak leaf-miner, *Phyllonorycter*  
*messaniella* (Zeller) (Lepidoptera :  
Gracillariidae) in Melbourne 895
- Orams, H. J., *see* Palamara, J. 643
- Palamara, J., Phahey, P. P., Rachinger, W. A.,  
and Orams, H. J.  
The ultrastructure of enamel from the  
kangaroo *Macropus giganteus*: tubular  
enamel and its 'black spot' defect 643
- Parsons, P. A.  
Longevity of cosmopolitan and native  
Australian *Drosophila* in ethanol  
atmospheres 33
- Parsons, P. A., and Spence, G. E.  
Longevity, resource utilization and larval  
preferences in *Drosophila*: inter- and  
intraspecific variation 671
- Paton, D. C.  
The significance of pollen in the diet of the  
New Holland honeyeater, *Phylidonyris*  
*novaehollandiae* (Aves :  
Meliphagidae) 217

- Pearse, F. K., and Murray, N. D.  
Clinal variation in the common brown butterfly *Heteronympha merope merope* (Lepidoptera : Satyrinae) 631
- Pearson, L. J., see Sanderson, K. J. 473
- Perry, D. H., see Watson, J. A. L. 471
- Phakey, P. P., see Palamara, J. 643
- Presidente, P. J. A., and Correa, J.  
Haematology, plasma electrolytes and serum biochemical values of *Trichosurus vulpecula* (Kerr) (Marsupialia : Phalangeridae) 507
- Rachinger, W. A., see Palamara, J. 643
- Raven, R. J.  
A review of the Australian genera of the mygalomorph spider subfamily Diplurinae (Dipluridae : Chelicerata) 321
- Roberts, B.  
Development of the prothoracic spiracles in larvae of *Sarcophaga bullata* (Sarcophagidae : Diptera) 199
- Robinson, P. T., see Ullrey, D. E. 839, 847
- Romig, M. C., see Drew, R. A. I. 49
- Rose, R., see Walker, M. T. 167
- Roubal, F. R.  
The taxonomy and site specificity of the metazoan ectoparasites on the black bream, *Acanthopagrus australis* (Gunther), in northern New South Wales. Suppl. No. 84 (21 December). Abstract 972
- Sanderson, K. J., and Pearson, L. J.  
Retinal projections in the hairy-nosed wombat, *Lasiorhinus latifrons* (Marsupialia : Vombatidae) 473
- Sauter, W., see Horak, M. 233
- Sharrad, R. D., and King, D. R.  
The geographic distribution of reptile ticks in Western Australia 861
- Smithers, C. N., and Thornton, I. W. B.  
The Psocidae (Insecta : Psocoptera) of New Guinea, including a new coleopteriform genus from high on Mount Wilhelm 921
- Spain, A. V., see Cook, I. M. 7
- Stephan, H., and Nelson, J. E.  
Brains of Australian Chiroptera. I. Encephalization and macromorphology 653
- Stewart, A. P., and Barnett, S. A.  
Seasonal influences on the movements of bush rats, *Rattus fuscipes*, in an artificial environment 41
- Thompson, M. B.  
The systematic status of the genus *Australocrinia* Heyer & Liem (Anura : Leptodactylidae) 93
- Thornton, I. W. B., see Smithers, C. N. 921
- Turnbull, K. E., Mattner, P. E., and Hughes, R. L.  
Testicular descent in the marsupial *Trichosurus vulpecula* (Kerr) 189
- Tyler, M. J., Davies, M., and Martin, A. A.  
Australian frogs of the leptodactylid genus *Uperoleia* Gray. Supplement No. 79 (27 May). Abstract 471
- Ullrey, D. E., Robinson, P. T., and Whetter, P. A.  
Composition of preferred and rejected *Eucalyptus* browse offered to captive koalas, *Phascolarctos cinereus* (Marsupialia) 839  
*Eucalyptus* digestibility and digestible energy requirements of adult male koalas, *Phascolarctos cinereus* (Marsupialia) 847
- Walker, M. T., and Rose, R.  
Prenatal development after diapause in the marsupial *Macropus rufogriseus* 167
- Walker, P. L.  
Laboratory rearing of the garden weevil, *Phyllocytus callosus* Boheman (Coleoptera : Curculionidae) and the effect of temperature on its growth and survival 25
- Warner, A. C. I.  
Patterns of feeding, defaecation and digestion in the tammar, *Macropus eugenii*, under laboratory conditions 751  
The mean retention times of digesta markers in the gut of the tammar, *Macropus eugenii* 759
- Wass, R. E., and Banta, W. C.  
Catenicellid cheilostome Bryozoa. II. Introduction to ovicell complexes 365
- Watson, J. A. L., and Perry, D. H.  
The Australian harvester termites of the genus *Drepanotermes* (Isoptera : Termitinae). Supplement No. 78 (27 May). Abstract 471
- Watts, C. H. S., see Baverstock, P. R. 289
- Wellard, G. A., and Hume, I. D.  
Nitrogen metabolism and nitrogen requirements of the brushtail possum, *Trichosurus vulpecula* (Kerr) 147  
Digestion and digesta passage in the brushtail possum, *Trichosurus vulpecula* (Kerr) 157

Wells, A.

- The genera *Oxyethira* Eaton, *Gnathotrichia*  
Ulmer and *Stenoxyethira* Kimmins  
(Trichoptera : Hydroptilidae) in  
Australia 103

Whelan, P. I., see Mahon, R. J. 225

Whetter, P. A., see Ullrey, D. E. 839, 847

White, M. J. D.

- Karyotypes and meiosis of the morabine  
grasshoppers. III. The genus  
*Hastella* 461

Williams, J. B.

- The protonephridial system of  
*Temnocephala novaezealandiae*: structure  
of the flame cells and main  
vessels 131

Woodside, D. P., Adams, M., and  
Baverstock, P. R.

- Taxonomic separation of *Eptesicus*  
(Chiroptera : Vespertilionidae) in  
south-eastern Australia by discriminant  
analysis and electrophoresis 119

